

Rabbit anti-Human IRAK-2 Polyclonal Antibody | anti-IRAK2 antibody

IRAK-2 Antibody

CATALOG # AAA40081	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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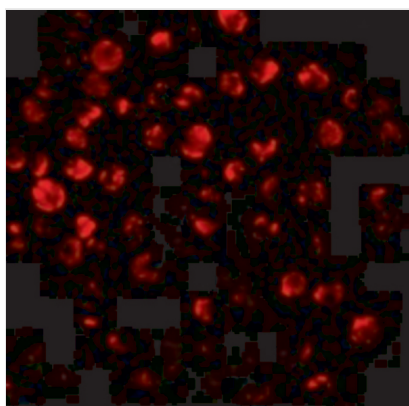
PRODUCT SYNONYMS

IRAK-2; Polyclonal Antibody; IRAK-2 Antibody; Interleukin-1 receptor-associated kinase-like 2; interleukin-1 receptor-associated kinase 2; anti-IRAK2 antibody

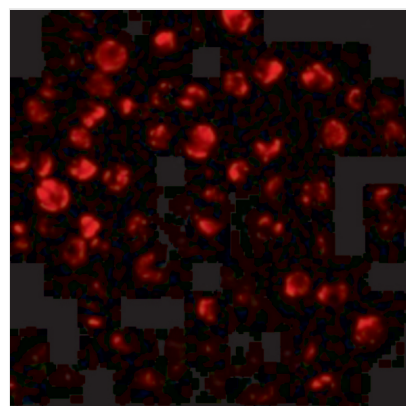
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Anti-IRAK2 has no cross response to IRAK.
Purity/Purification	IRAK-2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	1782
Applicable Applications for anti-IRAK2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IRAK2 antibody was raised against a peptide corresponding to amino acids near the carboxy terminus of human IRAK2.
Buffer	IRAK-2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IRAK-2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

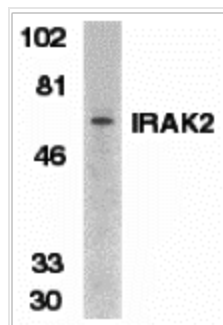
IMAGES


IF (Immunofluorescence)

Immunofluorescence of IRAK-2 in HeLa cells with IRAK-2 antibody at 20 µg/mL.


IF (Immunofluorescence)

Immunofluorescence of IRAK2 in HeLa cells with IRAK antibody at 10 µg/mL.



WB (Western Blot)

Western blot analysis of IRAK2 in K562 whole cell lysate with IRAK2 antibody at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-IRAK2 antibody

IRAK-2 Antibody: The pro-inflammatory cytokine IL-1 induces cellular response through two subunits of its receptor, IL-1 receptor I (IL-1RI) and IL-1 receptor accessory protein (IL-1RAcP). IL-1 receptor-associated kinase (IRAK) mediates activation of NF- κ B, which is a pivotal transcription factor mediating inflammatory and immune response. A novel member in the IRAK/Pelle family was recently identified and designated IRAK2. Both IRAK and IRAK2 recruit to the subunits of the IL-1R complex after IL-1 binding and lead to NF- κ B activation. IRAKs also associate with Toll-like receptor (TLR) and the dominant negative mutants of IRAKs inhibit LPS-induced NF- κ B activation. Members in IRAK/Pelle family play a central role in IL-1R and TLR mediated inflammatory responses to cytokine IL-1 and LPS. IRAK2 is expressed in a variety of human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2653876
NCBI GeneID	3656
UniProt Accession #	O43187; Q08AG6; Q5K546; B4DQZ6
Molecular Weight	65 kDa
NCBI Official Full Name	Homo sapiens interleukin-1 receptor-associated kinase-2 mRNA, complete cds
NCBI Official Synonym Full Names	interleukin-1 receptor-associated kinase 2
NCBI Official Symbol	IRAK2
NCBI Official Synonym Symbols	IRAK-2
NCBI Protein Information	interleukin-1 receptor-associated kinase-like 2; interleukin-1 receptor associated kinase-2
UniProt Protein Name	Interleukin-1 receptor-associated kinase-like 2
UniProt Gene Name	IRAK2
UniProt Synonym Gene Names	IRAK-2
UniProt Entry Name	IRAK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/irak-2-antibody-immunofluorescence-western-blot-elisa/40081>